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# Montana College Preparatory Curriculum Program 2012 – 2013 Academic Year

Lone Peak High School ------ Last Updated December 28, 2012

English: Minimum Core - 4 years.

In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature.

English: Rigorous Core - 4 years.

Recommendation: a designated college-prep composition or research writing course.

<u>Yearlong English courses including Composition Speech,</u> and Literature:

English – IB 1

English – IB 2 AP English

Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:

Composition:

**Grammar and Composition** 

**Creative Writing** 

Speech:

N/A

<u>Literature</u>:

World Literature Montana Authors Social Studies: Minimum Core – 3 years.

The courses shall include Global Studies (such as World History or World Geography); American History; and Government, Economics, Indian History or other third year courses.

Social Studies: Rigorous Core - 3 years.

As above, with recommendation: one half year or more of other courses such as psychology, humanities.

or World Geography, a full year of American History, and an additional year in another social studies field such as economics, government, psychology, sociology, tribal government, or Indian Ed for All. (Per Joyce A. Scott, Deputy Commissioner Academic & Student Affairs, April 2002.)

Students must complete a full year of global studies such as World History

Global Studies:

**Current Events** 

World Geography – IB 1

**American History:** 

General History – IB 2 American History/ Film American Government

Additional Social Studies Courses:

Psychology I Psychology II Economics

Math: Minimum Core - 3 years.

Courses shall include Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year. NOTE: In school systems where a student may take Algebra I in 8<sup>th</sup> Grade, the student still must complete 3 years of college preparatory math in High School. (Per Richard A. Crofts, Commissioner of Higher Education, 1995.)

Math: Rigorous Core - 4 years.

A course beyond Algebra II or beyond Integrated Math III (such as Trigonometry, PreCalculus, Calculus, Computer Math, Integrated Math IV).

Science: Minimum Core – 2 years.

Two years of laboratory science: One year must be earth science, biology, chemistry or physics. The other can be one of the courses listed above or another approved college preparatory lab science.

Science: Rigorous Core – 3 years.

One full year of general earth science, biology, and chemistry or physics.

Satisfies Minimum Core:

Algebra I Algebra II Geometry

Satisfies Rigorous Core:

Pre-Calculus/ Trigonometry Calculus

Calculus Statistics Lab Science Courses:

Integrated Chemistry and Biology – IB 2

Physics Chemistry

<u>Additional Science Courses:</u>

Earth Science/Geology – IB 1 Environmental Science

#### Electives: Minimum Core – 2 years, chosen from the following.

World Language (preferably 2 years); computer science, visual and performing arts, or vocational education units which meets the Office of Public Instruction (OPI) guidelines.

## Electives: Rigorous Core – 3 years, chosen from the following.

Two years of second language, music, fine arts, speech and debate, career and technical education (such as information technology (IT) or computer science).

## **Career, Vocational and Technical Education:**

Film/TV Productions

Web Design I

Web Design II

College Prep/Life Skills

Introduction to Technical Education

**Introduction to Technical Drawing** 

**Advanced Technical Drawing** 

Yearbook/ Journalism

**Career Exploration** 

Internship (Junior or Senior Year Only)

Math Lab

**Research Skills** 

## Music:

Band

Chorus

**Musical Theater** 

Strings

#### Fine Arts and Speech & Debate:

Ceramics I

Ceramics II

Drawing

Painting I

Painting II

Photography I

Photography II

**Graphic Arts** 

Speech and Debate

Drama

#### World Language:

Spanish I

Spanish II

Spanish III